

Title (en)
MAGNETIC ENCODER

Title (de)
MAGNETCODIERER

Title (fr)
CODEUR MAGNETIQUE

Publication
EP 1666846 A4 20061018 (EN)

Application
EP 03818666 A 20030912

Priority
JP 0311697 W 20030912

Abstract (en)
[origin: EP1666846A1] A magnetic encoder, which comprises a stainless steel sheet ; and an under coat adhesive containing epoxy resin and organopolysiloxane, a top coat adhesive containing phenol resin, or phenol resin and epoxy resin, and a rubber magnet, as successively laid one upon another on the stainless steel sheet, has distinguished water resistance and saline water resistance, and thus can be effectively used particularly as a magnetic encoder in wheel speed sensors.

IPC 8 full level
G01D 5/245 (2006.01); **C09D 163/00** (2006.01); **C09J 163/00** (2006.01); **G01D 5/14** (2006.01); **G01P 3/44** (2006.01); **G01P 3/487** (2006.01)

CPC (source: EP US)
C09D 163/00 (2013.01 - EP US); **C09J 161/06** (2013.01 - EP US); **C09J 163/00** (2013.01 - EP US); **G01D 5/14** (2013.01 - EP US); **G01P 3/487** (2013.01 - EP US); **C08L 63/00** (2013.01 - EP US); **C08L 2666/14** (2013.01 - EP US); **C08L 2666/22** (2013.01 - EP US); **G01D 2205/80** (2021.05 - EP); **Y10T 428/31515** (2015.04 - EP US); **Y10T 428/31522** (2015.04 - EP US); **Y10T 428/31529** (2015.04 - EP US); **Y10T 428/31663** (2015.04 - EP US)

Citation (search report)

- [Y] US 4319188 A 19820309 - ITO SUSUMU, et al
- [Y] US 5789080 A 19980804 - GRIMBERG BRUNO [FR], et al
- [A] US 6268056 B1 20010731 - MILLS STEPHEN J [US]
- [A] US 3202948 A 19650824 - FARRAND CLAIR L
- [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 10 17 November 2000 (2000-11-17)
- See references of WO 2005026663A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1666846 A1 20060607; **EP 1666846 A4 20061018**; **EP 1666846 B1 20080312**; AU 2003264418 A1 20050406; DE 60319749 D1 20080424; DE 60319749 T2 20090312; US 2006275609 A1 20061207; US 7229708 B2 20070612; WO 2005026663 A1 20050324

DOCDB simple family (application)
EP 03818666 A 20030912; AU 2003264418 A 20030912; DE 60319749 T 20030912; JP 0311697 W 20030912; US 53869105 A 20050610